

## Abstract

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**Receptor binding assays for the detection of TSH receptor autoantibodies and reagents and reagent kit for carrying out such a receptor binding assay**

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Improved receptor assays for the detection of TSHR-auto-ab use immobilized, affinity-purified rTSHR preparations as specific binders. This and novel measures for neutralizing pathologically increased hTSH levels in the sera (addition of anti-hTSH-ab) and/or for eliminating the influence of anti-bTSH-ab (by a two-step protocol) increase the reliability of assays of said type, and the possibility of preparing the assay constituents in ready-to-use and/or well standardized form, also for an automatic procedure, and of putting said constituents onto the market is opened up.